

June 27, 2003

18. (Twice Amended) A force sensor comprising:

a sensor and a moving arm force responder, and
wherein:

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said moving arm force responder comprises a base
having a first member adapted to receive a first force,

said first force defines a first direction,

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said moving arm force responder also comprises
precisely two arms each extending from said base parallel to said first
direction,

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said base is adapted to respond to said first force by
flexing,

said flexing causes said base to urge said arms to
move relative to each other, and

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said sensor is responsive to said arms by generating
an electric signal indicating said first force.